




Micrel / Microchip Technology

## ATXMEGA256A3U-MH

Part Number:	ATXMEGA256A3U-MH
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 256KB FLASH 64QFN
Datasheets:	<a href="#">PDF ATXMEGA256A3U-MH.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

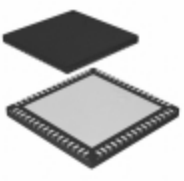

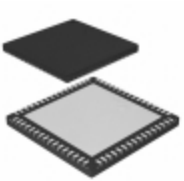


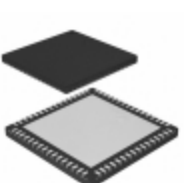


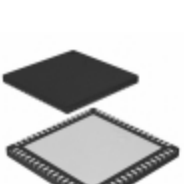
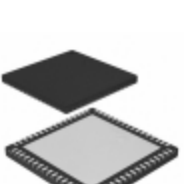


### Specifications of ATXMEGA256A3U-MH

PART NUMBER	ATXMEGA256A3U-MH
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF ATXMEGA256A3U-MH.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	32MHz
SERIES	AVR® XMEGA® A3U
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (128K x 16)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	ATXMEGA256A3UMH
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	AVR AVR® XMEGA® A3U Microcontroller IC 8/16-Bit 32MHz 256KB (128K x 16) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 16x12b; D/A 2x12b
CORE SIZE	8/16-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART, USB
BASE PART NUMBER	ATXMEGA256

### Related Tags

<a href="#">Micrel / Microchip Technology ATXMEGA256A3U-MH</a>	<a href="#">ATXMEGA256A3U-MH Distributor</a>	<a href="#">ATXMEGA256A3U-MH Supplier</a>
<a href="#">ATXMEGA256A3U-MH Price</a>	<a href="#">ATXMEGA256A3U-MH Pictures</a>	<a href="#">ATXMEGA256A3U-MH Image</a>
<a href="#">ATXMEGA256A3U-MH PDF Datasheet</a>	<a href="#">ATXMEGA256A3U-MH Download Datasheet</a>	<a href="#">ATXMEGA256A3U-MH Datasheet</a>
<a href="#">ATXMEGA256A3U-MH Stock</a>	<a href="#">Buy ATXMEGA256A3U-MH</a>	<a href="#">Buy Micrel / Microchip Technology ATXMEGA256A3U-MH</a>
<a href="#">Micrel / Microchip Technology ATXMEGA256A3U-MH</a>	<a href="#">Micrel / Microchip Technology Supplier</a>	<a href="#">Micrel / Microchip Technology Distributor</a>
<a href="#">Micrel / Microchip Technology ATXMEGA256A3U-MH</a>	<a href="#">Microchip Technology ATXMEGA256A3U-MH</a>	<a href="#">Roving Networks / Microchip Technology ATXMEGA256A3U-MH</a>

### Related Products

 <p><b>ATXMEGA256A3U-MNR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256A3U-AUR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATXMEGA256A3U-M7</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256A3U-ANR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATXMEGA256A3U-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256A3U-MHR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATXMEGA256C3-ANR</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256C3-AN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATXMEGA256A3U-M7R</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256A3U-MN</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64QFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>ATXMEGA256A3U-AUR</b> Manufacturers: Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: 25 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>ATXMEGA256C3-AU</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 256KB FLASH 64TQFP In stock: 308 pcs</p> <p><a href="#">RFQ</a></p>